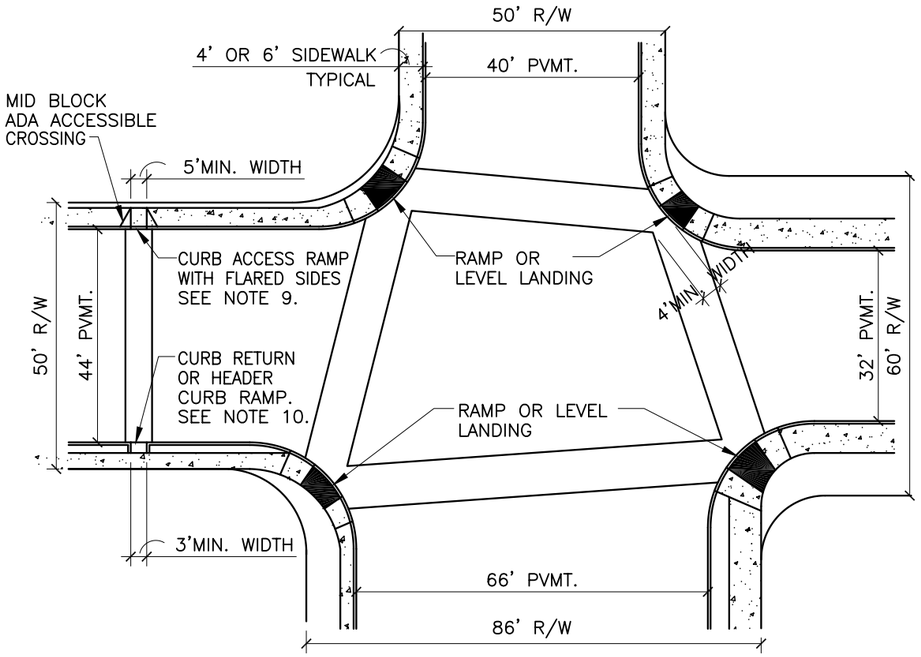
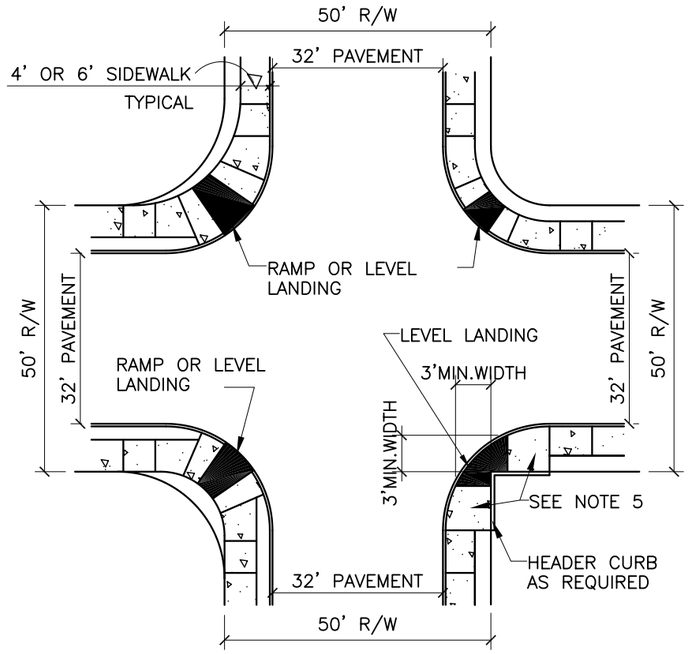
TYPICAL LOCATIONS OF SIDEWALKS & RAMPS



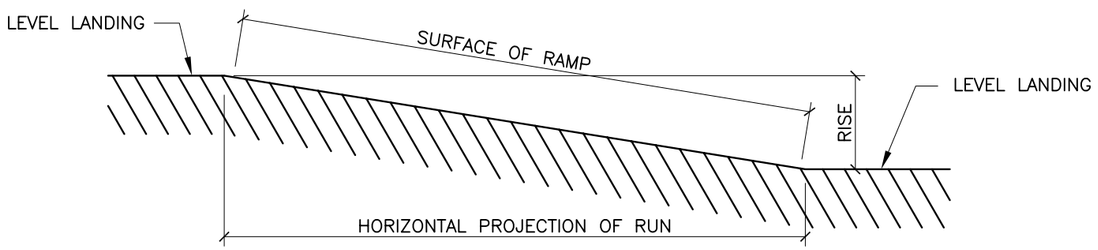


ADA ACCESSIBLE ROUTE RAMP SLOPES (SEE FIGURE BELOW)

SLOPE *	% SLOPE	MAX. RISE ** INCHES MM	MAX. HORIZ. PROJ. FEET METERS	COMMENTS
1:50 or FLATTER	2% OR LESS	UNLIMITED	UNLIMITED	TO BE USED FOR CROSS SLOPES ON ANY INTENDED ADA ACCESSIBLE ROUTE.
1:16 TO 1:20	6.25% TO 5%	30 760	40 12.2	TO BE USED FOR DIRECTION OF TRAVEL ON ANY RAMP SURFACE.
1:12 TO < 1:16	8.33% TO <6.25%	30 760	30 9.1	TO BE USED FOR DIRECTION OF TRAVEL ON ANY RAMP SURFACE.
1:10 TO FLATTER * * *	10% OR LESS	6 150	5 1.5	MAY BE USED AT EXISTING SITES WITH APPROVAL OF THE CITY ENGINEER IF SPACE LIMITATIONS PROHIBIT USE OF A 1:12 SLOPE OR FLATTER.
1:8 OR FLATTER	12.5% OR LESS	3 75	2 0.6	MAY BE USED AT EXISTING SITES WITH APPROVAL OF THE CITY ENGINEER IF SPACE LIMITATIONS PROHIBIT USE OF A 1:12 SLOPE OR FLATTER.

* SLOPE IS INDICATED IN A RATIO OF VERTICAL UNITS TO HORIZONTAL UNITS OF IDENTICAL MEASURE.
** AFTER THE MAXIMUM RISE HAS BEEN ATTAINED, A LEVEL LANDING AREA MUST BE PROVIDED.
*** SEE GENERAL NOTE NO. 9.

NOTE: ADA DEFINES "RAMP" AS ANY SURFACE THAT EQUALS OR EXCEEDS A 5% SLOPE ALONG ITS PATH OF TRAVEL. A LEVEL LANDING AREA IS A SURFACE OF SUFFICIENT SIZE THAT DOES NOT EXCEED A 2% SLOPE IN ANY DIRECTION.



GENERAL NOTES:

1. WHERE AN ADEQUATE AREA CURB ACCESS (WHEELCHAIR) RAMPS EXIST, THE CITY TRAFFIC ENGINEER WILL SPECIFY LOCATION OF RAMPS.
2. MIN. CURB RADIUS IS 25FT. UNLESS OTHERWISE SPECIFIED.
3. CURB ACCESS (WHEELCHAIR RAMPS SHALL BE PROVIDED AT ALL CORNERS OF STREET INTERSECTIONS.
4. SLOPE SIDEWALK FROM TOP OF CURB TO LEVEL LANDING AREA AT BOTTOM OF RAMP ON SLOPE OF 1 (VERTICAL) UNIT TO 12 (HORIZONTAL) UNITS OF IDENTICAL MEASURE (MAXIMUM SLOPE).
5. UNIDIRECTIONAL CURB ACCESS RAMPS: SLOPE SIDEWALK FROM P.C. OR P.T. OF CURB RETURN DOWN TO QUARTER POINT OF CURB RETURN USING A SLOPE NO STEEPER THAN THAT DEFINED IN NOTE 4 ABOVE. FOR POSSIBLE EXCEPTIONS, SEE TABLE OF ADA ACCESSIBLE ROUTE SLOPES ON THIS DRAWING.
6. CURB ACCESS RAMPS COMPLYING WITH ADA REGULATIONS AND THESE DRAWING (2415, 2418, 2425, 2428, & 2441) SHALL BE PROVIDED WHEREVER AN ACCESSIBLE ROUTE CROSSES A CURB.
7. SLOPES OF CURB ACCESS RAMPS SHALL COMPLY WITH ALL ADA REGULATIONS AND THE TABLE OF ACCESSIBLE ROUTE SLOPES OF THIS DRAWING. MAXIMUM SLOPES OF ADJOINING GUTTERS, ROAD SURFACES OR SIDEWALKS ADJACENT TO CURB ACCESS RAMPS SHALL NOT EXCEED 1:20.
8. THE MINIMUM WIDTH OF ANY ADA ACCESSIBLE RAMP SHALL BE 60 IN. (5 FT.).
9. A CURB ACCESS RAMP LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP OR WHERE IT IS NOT PROTECTED BY HAND OR GUARDRAIL, SHALL HAVE FLARED SIDES WITH SLOPES NOT EXCEEDING 1:12. IF A LEVEL LANDING AREA OF AT LEAST 48 INCHES LONG IS PROVIDED AT THE TOP END OF THE RAMP. (SEE DWG. 2441, SEC. C–C). OTHERWISE THE FLARED SIDE SLOPES SHALL NOT EXCEED 1:12.
10. CURB ACCESS RAMPS WITH RETURNS OR HEADER TYPE CURBING MAY BE CONSTRUCTED WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP. BUILT–UP CURB ACCESS RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICLE TRAFFIC LANES AND MAY ONLY BE USED WITH APPROVAL FROM THE CITY ENGINEER EXCEPT FOR PARKING LOT APPLICATIONS.
11. CURB ACCESS RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED VEHICLES.
12. CURB ACCESS RAMPS AT MARKED CROSSING SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS EXCLUDING ANY FLARES SIDES.
13. ADA – AMERICAN WITH DISABILITIES ACT.
14. CURB ACCESS RAMPS AND THEIR APPROACHES SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.
15. ANY CONFLICT BETWEEN COA STANDARD DRAWING AND ADA REGULATIONS SHALL BE BROUGHT TO THE ATTENTION OF CITY ENGINEER FOR RESOLUTION.
16. ALL ADA ACCESSIBLE RAMPS SHALL HAVE LANDINGS AT BOTTOM AND TOP OF EACH RAMP AND EACH RAMP RUN. LANDING SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT AND SHALL HAVE A LENGTH OF 60 INCHES (5 FT.) MINIMUM. IF THE RAMP CHANGES DIRECTION AT THE LANDING, THE MINIMUM LANDING SIZE SHALL BE 5 FEET BY 5 FEET. RAMPS AND LANDINGS WITH DROP –OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTIONS THAT PREVENTS SLOPPING OR FALLING OFF OF THE RAMP.

REVISIONS	CITY OF ALBUQUERQUE
11/14/91 4/12/94	PAVING CURB ACCESS RAMP DWG. 2440 JANUARY 2003